Epson PowerLite® 7800p

Portability with a twist

Weighing just 12.1 lb, the Epson PowerLite 7800p provides remarkable power and an expansive feature set. This high-performance portable boasts 3500 ANSI lumens, XGA resolution, and a 700:1 contrast ratio for brilliant image quality. In addition, state-of-the-art EasyManagement™ technology offers out-of-the-box networking capabilities. IS personnel will appreciate its easy network monitoring, maintenance and control.

A versatile performer, the Epson PowerLite 7800p includes monitor out capability, extraordinary video performance, and a preview function for easy switching between sources. Bright enough for installation, and light enough to carry, this model also offers vertical and horizontal keystone correction, QuickCorner™ image correction, and WallShot™ for color correction.

Convenient networking capability with EasyManagement technology

- Built-in Ethernet port
- Projector monitoring, maintenance and control over the LAN
  - Check power status, lamp hours, etc.
  - Turn the projector on and off remotely
- Simple Network Management Protocol (SNMP)–for easy network management
- Email notification via SMTP to alert issues related to temperature, fan and lamp

Ultra bright 3500 lumens, weighs only 12.1 lb

- Remarkable brightness that's great for classrooms or conference rooms

Superior detail and razor-sharp contrast

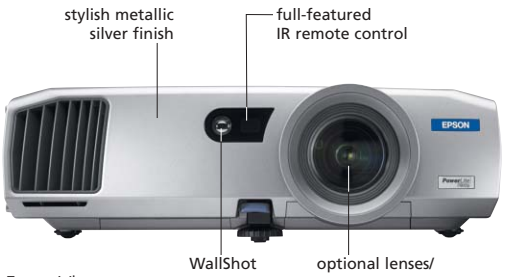
- Three 1.0" Epson high-aperture LCDs for evenly distributed color across the screen
- XGA (1024 x 768) resolution for sharp, vivid detail
- 700:1 contrast ratio for blacker blacks and whiter whites

Easy installation, setup and operation

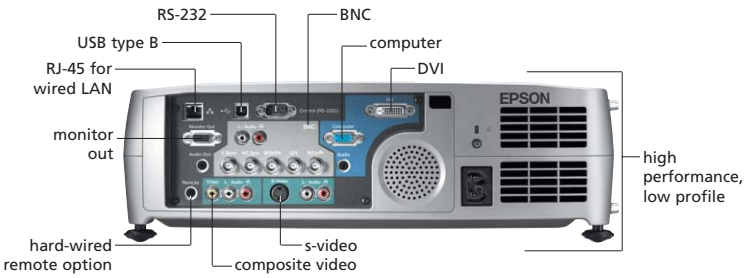
- Multiple lens options
- Image corrections tools for flexible setup and installation
  - Keystone (40˚ vertical, 20˚ horizontal)
  - QuickCorner for aligning images projected on a corner
  - WallShot for color correction on a colored surface
- Short throw distance (5.25'/60") for placement closer to the screen
- Preview function with seven convenient SnapWindows™
- Monitor out capability for simultaneous viewing on a monitor and screen
- Easy-to-use remote control/control panel
  - Manage the setup and installation process, picture-in-picture capability, and more
  - Operate multiple projectors simultaneously
- ASCII-based RS-232 communication
- Various inputs including D-Sub15, BNC, DVI, S-Video, and Video
- Low fan noise for undisturbed presentations
- Security function that protects your projector
- Start Here Kit gets first time users projecting in just minutes

Renowned Epson service and support (free for the duration of the warranty)

- Comprehensive two-year warranty
- 90-day bulb warranty for added dependability
- Epson Road Service Program provides a replacement projector, typically within 24 hours
- Epson PrivateLine℠ dedicated toll-free support line available from 6 a.m. to 6 p.m. PST Monday – Friday
  (Calls are answered live, typically in about a minute.)
- International warranty in over 45 countries



Front View



Back View

Epson PowerLite 7800p Specifications

Projection System	Epson original LCD prism technology
Projection Method	Front/rear/ceiling mount

LCD

Size	1.0 inches
Driving method	Epson Poly-silicon TFT Active Matrix
Pixel number	786,432 pixels x 3 (1024 x 768) LCDs
Native resolution	XGA
Aspect ratio	4:3 (supports 16:9; 5:4)
Pixel arrangement	Stripe

Projection Lens

	Standard	Middle Throw	Long Throw
Type	Manual zoom/focus	Manual zoom/focus	Manual zoom/focus
F-number	1.7 to 2.3	1.8 to 2.3	1.8 to 2.3
f-number	28 to 37mm	36 to 48mm	48.4 to 64.5mm
Zoom ratio	1.0:1.35	1.0:1.35	1.0:1.35

Lamp

Type	250W UHE
Life (typical)	2000H (High Brightness)

Screen Width Ratio: (Distance/Width)	1.32 to 1.8:1
Screen Size (Projected Distance)	30" to 300" (2.6' to 36.1')
Keystone Correction	Vertical: ±40 degrees, Horizontal: ±20 degrees Auto Keystone Correction (Vertical only)
Brightness (typical)	3500 ANSI lumens, 2500 ANSI lumens (Low Brightness)
Contrast Ratio	700:1
Brightness Uniformity (typical)	90%
Color Reproduction	24 bit; 16.7 mil
Audio Output	5W Monaural
Operating Temperature	41ºF to 95ºF (5ºC to 35ºC)
Power Supply Voltage	100-120V/200-240V ±10%, 50/60Hz AC
Power Consumption	350W, 47W at sleep mode: Network ON 1.5W at sleep mode: Network OFF
Dimension (includes lens and feet)	12.8" x 16.5" x 5.4"
Dimension (excludes lens and feet)	12.8" x 16.5" x 4.6"
Weight	12.1 lb/5.5kg
Fan Noise	36db (High Brightness), 33db (Low Brightness)

Effective Scanning Frequency Range

Analog	
Pixel Clock	13.5MHz to 230MHz
Horizontal	15KHz to 107KHz
Vertical	50Hz to 120Hz
Digital	
Pixel Clock	25MHz to 135MHz
Horizontal	15KHz to 80KHz
Vertical	50Hz to 85Hz

Remote Control Features

Features	Keystone, brightness, source selection, power, PinP, preview, page up/page down, color mode, volume, presets, e-zoom, a/v mute, freeze, effects
Operating angle	Right/Left ± 30 degrees Upper/Lower ± 15 degrees
Operating distance	33 ft (10m)

RGB

	Analog RGB I/O	Digital RGB Input
Display performance		
Native	1024 x 768	1024 x 768
Resize	1600 x 1200 1280 x 1024 800 x 600 640 x 480	1280 x 1024 800 x 600 640 x 480
Input terminal		
Video	Mini D-sub 15 pin x 1 5-BNC x 1	DVI TypeD x1
Audio	Stereo mini jack (for Mini D-sub),	Stereo mini jack

RGB (cont.)

	Analog RGB I/O
	RCA x 2 (for 5BNC)
Output terminal	
Video	Mini D-sub 15pin (monitor out) x1
Audio	Stereo mini jack

Video I/O

Display performance	NTSC: 560 line PAL: 560 line (Depends on observation of the multi burst pattern)
Input signal	NTSC/NTSC4.43/PAL/M-PAL/ N-PAL/PAL60/SECAM HDTV: 480i, 480p, 720p, 1080i
Input terminal	
Video	Composite video: RCA(Yellow) x 1 S-Video: Mini DIN Component video: Mini D-sub 15pin (in common with Analog RGB connector) Video-RGB: Mini D-sub 15pin (in common with Analog RGB connector)
Audio	RCA(White/Red) x 2
Audio signal	500m Vrms/47Kohm

Control I/O

USB I/O	USB connector series B x 1 (for mouse, keyboard)
Serial I/O	Mini D-sub 9pin x 1 RS-232C
Network interface	RJ45 x 1

Security	Kensington®-style lock provision

Warranty

Two year limited warranty, 2-year international warranty, 90-day lamp warranty, Epson Road Service Program and Epson PrivateLine dedicated toll-free support (U.S. and Canada only)

Supplied Accessories

Power cable, remote control, 2 AA batteries, computer cable, audio cable, USB mouse cable, RCA Video Cable, RCA Audio Cable, CD-Rom (Windows-based EasyManagement software, Start Here Kit.

Product/Accessory Part Numbers

Epson PowerLite 7800pNL (no lens) projector	V11H119920
Replacement lamp	V13H010L22
Air filter set	V13H134A01
Middle throw zoom lens	V12H004M03
Long throw zoom lens	V12H004L05
Remote control cable set	V12H005C28
Gyro lock ceiling mount	ELPMB40
Suspension adapter	ELPMBAPL
False ceiling plate	ELPMBFCP
Adjustable ceiling channel (ceiling plate not included or required)	ELPMBACC
Security bracket/cabling for gyro lock mounts (not compatible with ELPMBAPL)	ELPMBSEC
Distribution amplifier	ELPDA01
Digital video cable DVI to DVI, 3m	ELPKC20
Digital video cable DVI to DFP, 3m	ELPKC21
S-video cable	ELPSV01
Mac adapter set	ELPAP01
ATA shipping case	ELPKS46
ATA molded hardshell case	ELPKS48
50" portable screen	ELPSC06
60" portable pop-up screen	ELPSC07
80" portable pop-up screen	ELPSC08
High resolution document imager	ELPDC02
High resolution document camera	V12H064020
Kensington security lock	ELPSL01

Support–The Epson Connection℠

Pre-Sales Support U.S. and Canada	800-463-7766
Automated Technical Support	800-922-8911
Internet Web Site	www.epson.com
Presenters ONLINE℠	presentersonline.com

EPSON®

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